

REMARKS

Claims 1-9 stand rejected and the specification is objected to in the present Office Action. In this response, claims 1-9 are amended and new claims 10-11 are added. Accordingly, claims 1-11 are pending in the present application. Applicants respectfully request reconsideration of the present application in view of the foregoing amendments and reasons.

In Sections 1-6 of the Office Action, the Examiner objects to the specification for failure to comply with various sections of the C.F.R. and MPEP. In particular, the Examiner states that an abstract is required, "new application papers with lines double spaced on good quality paper are required," appropriate title headings are required, translation pages should be removed, the specification should contain and be arranged into appropriate sections, and a new title is required that is "clearly indicative of the invention to which the claims are directed."

Attached herewith is a substitute specification (excluding claims) in both a clean version and a marked up version pursuant to 37 C.F.R. 1.125. The substitute specification contains no new matter. A new listing of claims is presented above.

In Section 7 of the Office Action, claims 4-9 are objected to under 37 C.F.R. 1.75(c) as being in improper form because a multiple dependent claim cannot depend from any other multiple dependent claims. Claims 4-9 have been amended to no longer be in multiple dependent claim form.

In Sections 8-10 of the Office Action, claims 2, 4, and 8-9 are objected to for containing informalities. In particular, the Examiner suggests that the phrase "that search criterion" in claim 2 be changed to "a corresponding search criterion;" the phrase "that text passage" in claim 9 be changed to "a corresponding text passage;" the phrase "being shown adjacent the correspond radial line" in claim 4 be changed to "being shown adjacent to the corresponding radial line;" and the phrase "the fact" in claim 8 be deleted. Applicants thank the Examiner for his suggestions and have amended claims 2, 4, and 8-9 consistent with the Examiner's suggestions.

In Sections 11-13 of the Office Action, claims 1-9 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. In particular, the Examiner points out insufficient antecedent basis for certain limitations recited in the claims, and states that the “use of ‘usual’ such as in claim 1 is vague and indefinite.”

Claims 1-9 have been amended to more particularly point out and distinctly claim the subject matter that Applicants regard to be the invention. Claims 1-9 are amended consistent with the Examiner’s comments directed to, for example, insufficient antecedent basis. Terminology such as “usual” in claim 1 has also been deleted.

In Sections 14-15 of the Office Action, claims 1-3 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,121,969 (Jain et al.) in view of Applicants’ Admitted Prior Art (i.e., Hemmje et al., “LyberWorld – A Visualization User Interface Supporting Full Text Retrieval,” SIGIR 1994, Dublin, July 3-6 1994, No. Conf. 17, July 3 1994, pages 249-259, discussed at page 1, lines 23-29 of the present application). In particular, the Examiner states that:

As per claim 1, Jain teaches a method for displaying search results relevant to a solution of a task by using a screen and at least one data memory for electronically stored text passages; wherein upon entering a combination of search criteria (B, S, T) and of the search results (bit, *fff*), relevant to such combinations are displayed on the screen, the visual representation of the combination of search criteria (B, S, T) being displayed in the center of the screen (col. 11, lines 20-21) and said usual representations of the search results being arranged on the screen concentrically around the usual representation of the combination of the search criteria (B, S, T), with the radial distances of the visual representation of the individual search results (bit, *fff*) from the visual representation of the combination of search criteria (B, S, T) showing their relevance to the combination of the search criteria (col. 9, lines 35-41; col. 8, lines 63-67). Although Jain’s information retrieval system comprising search criteria with corresponding search results wherein the search results are of visual records or database records of any type (col. 10, lines 59-62), Jain does not explicitly disclose the database records to be text passages. However, Applicant’s Admitted Prior Art discloses an information retrieval system comprising search criteria with corresponding search results wherein the search results are of text passages (page 1, line 25-29). Therefore, it would have been obvious to an artisan at the time of the invention to include the method of Applicant’s Admitted Prior Art wherein the search results of a search criteria are of text passages in an information retrieval system to the method of Jain wherein the search results of a search criteria are of visual records in an information retrieval system in order to provide users with greater search capabilities concerning the various kind of data to be searched.

Applicants respectfully submit that amended claims 1-9 are allowable for the reasons set forth below. Amended independent claim 1 recites, among others, that the visual representation of the combination of search criteria (B, S, T) is displayed in the center of the screen and that the visual representations of the text passages (bit, *fff*) are arranged on the screen concentrically around the visual representation of the combination of search criteria (B, S, T).

In contrast, Jain et al. and the Applicants' Admitted Prior Art, alone or in combination, do not disclose the combination of elements recited in amended independent claim 1. Applicants respectfully disagree with the Examiner's characterization that Jain et al. discloses, among others, "visual representation of the combination of search criteria [] being displayed in the center of the screen (col. 11, lines 20-21) and [] representations of the search results being arranged on the screen concentrically around the [] representation of the combination of the search criteria."

Jain et al. discloses obtaining search results (referred to as "object records") in accordance with "selected three criterion." The results are "preferably so displayed in a three-dimensional plot with each of the three criterion lying along an associated axis." See col. 11, lines 14-19; Figure 3. In particular, "[e]ach object record is plotted in position along all (three) axis in accordance with its attributes. *An arbitrary object record - which may be considered the 'search standard' - is located at the origin (3-D coordinates [0, 0, 0]) of the plot.* (Emphasis added)" See Col. 13, lines 55-65; col. 11, lines 14-28.

Since this arbitrary object record, or reference object record, is displayed at the origin or center of the display plot, the search criteria cannot and would not also be displayed at the center of the display plot. It further follows that since the search criteria is not displayed at the center, that the object records would not be concentrically arranged around the visual representation of the combination of search criteria located at the center of the display.

Thus, Jain et al. teaches away from the combination of elements recited in amended independent claim 1. There is also no mention in Jain et al. of the display arrangement of search criteria and text passages as recited in amended independent claim 1.

Applicants' Admitted Prior Art (i.e., the Hemmje et al. article) also does not cure the shortcomings of Jain et al. Nor does Applicants' Admitted Prior Art disclose the combination of elements recited in amended independent claim 1. The Examiner states that "Jain does not explicitly disclose the database records to be text passages," but that the Applicants' Admitted Prior Art discloses the "search results of a search criteria [that] are of text passages." Thus, the Applicants' Admitted Prior Art may disclose the search results being text passages, but even the Examiner acknowledges that the Applicants' Admitted Prior Art does not disclose the remaining elements recited in claim 1.

Accordingly, Applicants respectfully submit that amended independent claim 1 is allowable over Jain et al. and the Applicants' Admitted Prior Art, alone or in combination. Claims 2-9, which depend from claim 1, are also in a condition for allowance for at least the same reasons as discussed above for independent claim 1.

New claims 10-11 includes no new matter. New claims 10-11, which depend from claim 1, are allowable over Jain et al. and the Applicants' Admitted Prior Art, alone or in combination, for at the same reasons as discussed above for independent claim 1.

In view of the foregoing, each of the presently pending claims in the present application is believed to be in condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding objection and rejection of the claims and objection to the specification. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 417202000100. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

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RELATIONAL DISPLAY OF SEARCH RESULTS TO SEARCH CRITERIA

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] The present application claims priority to Austrian Application No. GM 492/98 filed on July 17, 1998, and which is incorporated in its entirety herewith.

BACKGROUND OF THE INVENTION

[0002] The present invention concerns a program logic for displaying text passages which are relevant for the solution of a task on a screen by using at least one data memory for text passages which are electronically stored; upon entering a combination of search criteria the text passages relevant to such combination will be displayed on the screen.

[0003] Carrying out of searches for text passages by using at least one data memory is well-known. For that purpose search criteria, in particular search words, are entered into the data memory, whereupon the text passages relevant to such criteria will be displayed on a screen. However, the known processes for the carrying out of searches for text passages have the disadvantage that it cannot be seen on the screen what relevance the text passages displayed have with respect to the search criteria. This applies, in particular, if searches are made with respect to a combination of search criteria.

[0004] The article by Fowler et al entitled "Integrating Query, Thesaurus and Document Through a Common Visual Representation"; proceedings of the Annual International ACM/SIGIR Conference on Research & Development in Information Retrieval, Chicago, October 13-16 1991, No. Conf. 14-30 October 1991, pages 142-151 discloses the use of visually displayed graphic structures and a direct manipulation interface for use in document retrieval. A visually displayed network structure is used and a natural language query is converted into a visually displayed network structure, the manipulation of the network structure then allowing manipulation of the query.

[0005] The article by Hemmje et al entitled "Lyber World – A Visualization User Interface Supporting Full Text Retrieval", SIGIR 1994, Dublin, July 3-6 1994, No. Conf. 17, 3 July 1994, pages 249 to 259 discloses a graphical user interface for use in an information retrieval system in which text passages are displayed on a screen in relation to set criteria with radial distances between the two indicating the degree of relevance. The search criteria are

placed around the circumference of the display area, with the text passages being arranged inside the display area.

[0006] The article by Lamping et al entitled "A Focus and Context Technique based on hyperbolic geometry for visualizing large hierarchies"; Human Factors in computing systems, CHL 1995 conference proceedings, Denver, May 7-11 1995, pages 401-408 discloses a method of displaying a hierarchy in a circular display region with its root at the center, and branches extending out from the center, those branches then branching further toward the circumference of the circle.

[0007] The article by G G Robertson et al entitled "Cone Trees: Animated 3-D Visualisations of Hierarchical Information", Human Factors in Computing Systems conference proceedings, Reading, USA, 27 April 1991, pages 189-194 discloses a similar visual display known as a cone tree, but in three dimensions.

BRIEF SUMMARY OF THE INVENTION

[0008] In solution of a task using a screen and at least one data memory for electronically stored text passages, visual representation of a combination of search criteria is displayed in the center of the screen and visual representations of text passages are arranged on the screen concentrically around the visual representation of the combination of search criteria. The visual representations of text passages are relevant to the combination of search criteria. The radial distances of each of the visual representation of the text passages from the visual representation of the combination of search criteria show the relevance of each of the text passage to the combination of search criteria.

BRIEF DESCRIPTION OF THE DRAWINGS

[0009] Program logics of the invention are explained in more detail in the following by means of implementation examples shown in the figures:

FIG. 1 shows text passages retrieved by means of a search, which are displayed on a screen, with their relevance to several search criteria being expressed/shown;

FIG. 2 shows terms and subordinate terms displayed on a screen and attributed to a search criterion; and

FIG. 3 shows text passages pursuant to FIG. 1 in combination with terms and subordinate terms pursuant to FIG. 2.

DETAILED DESCRIPTION

[0010] The present invention is based on the task of creating an improved method through which in case of a search by means of a combination of search criteria the text passages found thereby are displayed on the screen in such a way that their relevance in relation to the individual search criteria is shown. According to this invention, this objective is achieved by concentrically arranging the text passages on the screen around the combination of the search criteria, with the radial distances of the individual text passages showing their relevance in respect of the search criteria.

[0011] Preferably the individual search criteria are attributed to sectors on the screen, with the individual text passages being shown on the screen in the sectors of that search criterion for which they are most relevant. A radial beam or a radial level, respectively, can lead from each of the search criteria shown in the center, with the text passages relevant to the individual search criterion being shown in the sectors of the radial beams or levels, respectively, or those text passages which are relevant to two of the search criteria being shown in those sectors which are defined by the beams or levels attributed to such search criteria. In this connection, the display can be two-dimensional or three-dimensional.

[0012] Furthermore, the present invention is based on the task of creating a program logic for obtaining text passages relevant to the solution of a task by using a screen and at least one data memory for electronically stored text passages.

[0013] The recording of terms contained in text passages and displaying them on a screen with their relevance to each other being expressed through their arrangement to each other is well known. In particular, this makes it possible to show terms which are subordinate to particular terms of a number of subsequent categories and, subsequently, relevant text passages may be retrieved from a data memory for respective terms, whereupon they are displayed on the screen. This allows you to obtain the text passages relevant to the solution of an existing task. However, this obtaining of text passages is based on the prerequisite that the criteria which are relevant for the solution of a given task are known. If these criteria are not known, it is not possible to find/retrieve the text passages available for that purpose.

[0014] Thus, the present invention is also based on the task of creating a program logic by which the text passages relevant to the solution of an existing task may be found in a very simple manner. The invention solves this task through showing the relevant criteria and the subcriteria attributed to them of several consecutive categories on the screen, whereupon, based on a combination of search criteria, a text search can be carried out in at least one data memory, the result of which can also be displayed on the screen.

[0015] FIG. 1 shows the result of a text search carried out by using three search terms. The query is represented by the letter Q. The search terms are described by the letters B, T and S, each of which lie on a radial beam, with these beams together forming an angle of 120°. The letter Q stands for the term QUERY and the letters B, S and T stand for the terms BENÜTZERPROFILE [USER PROFILES], SERVICEANGEBOT [SERVICE OFFER] and BETÄTIGUNGSFELDER [FIELDS OF ACTIVITY]. The center Q is surrounded by three centric circles 1, 2 and 3 alongside which the text passages found are shown.

[0016] Alongside the most inner circle, 1, those text passages are shown which are relevant in relation to all of the three search terms, B, S and T, so that these text passages meet 100% of the search criteria. In addition, the position of the information close to the beams attributed to the terms B, T or S, respectively, expresses the frequency of the respective search terms in these text passages.

[0017] In this figure, alongside circle 1 close to the beam attributed to term B, there are a number of pieces of information, which means that the respective text passages are of particular relevance to search term B. On the other hand, there are several additional pieces of information alongside circle 1 between the beams attributed to terms B and T, and terms T and S, respectively, which shows that these text passages are equivalent with respect to search terms B and T and T and S, respectively. Outside of circle 1 there are circles 2 and 3, alongside which those text passages are shown which are only relevant to two of the search terms, meeting 66% of the search criteria, or which are only relevant to one single search term, meeting 33% of the search criteria, with the position of the piece of information in relation to the beams again showing in respect of which search term or terms these text passages are relevant.

[0018] Instead of a two-dimensional display, the display may also be three-dimensional, with the text passages being shown alongside concentric spheres.

[0019] An alternative in showing the results of the text search is to only show references in the first figure and, by means of additional criteria such as shadings and/or colours to express the frequency in which the respective search terms are contained in these references. Subsequently, these references may be retrieved alone and the text passages themselves can be displayed on the screen.

[0020] Thus, this program logic makes it possible to immediately see the frequency of search terms in text passages and/or references and the relevance of such text passages and/or references with respect to several search terms, which makes the retrieval of text passages and the evaluation thereof considerably easier.

[0021] In the following, FIG. 2 explains a program logic for retrieval of text passages relevant to the solution of a given task. In the center of the chart the search term Q-QUERY is shown, which refers to the terms RESEARCH, TECHNOLOGY, INNOVATION. The terms B-USER PROFILES, T-FIELDS OF ACTIVITY and S-SERVICE OFFER are attributed to that search term, which terms are displayed on the screen arranged around the search term in beams and in a smaller size. In relation to the term USER PROFILES, these are the subordinate terms RESEARCHER/SCIENTIST, INVESTOR, PRIVATE PERSON and ENTREPRENEUR. The subordinate terms of the second category are displayed around the respective subordinate term to which they are attributed, again in a smaller size. This beam-wise display of the individual terms attributed to a search term and of the respective subordinate terms attributed to them of several consecutive criteria can be shown on the screen in two dimensions or three dimensions.

[0022] For the user of this search program this display leads to a very clear arrangement of the terms of equal importance or subordinate importance, which makes it easier to select the terms to be used for carrying out the search. Based on the terms the subordinate terms existing in relation to them of several subsequent categories are displayed on the screen.

[0023] The subordinate terms attributed to a term or a subordinate term are being retrieved until that subordinate term is displayed on the screen on which the text search is to be based. Subsequently, at least one additional subordinate term will be retrieved based on a different term, which subordinate term will also be included in the text search. Thus, at least one term or a combination of terms will be retrieved which may be used for carrying out the text search.

[0024] The fact that the program contains a number of search criteria for a given task which may be of importance for the solution of that task is of importance to this program. Subordinate search criteria are attributed to such search criteria which, on their part, are supplemented by subordinate search criteria. The user of this program may retrieve the criteria and/or subcriteria required for the solution of a task. Subsequently, the text passages available for the combination of the relevant criteria may be retrieved and displayed on the screen as has been explained by means of FIG. 1.

[0025] Finally, FIG. 3 shows the combination of the procedures explained by means of FIGs. 1 and 2. On the one hand, the screen displays the text passages found with respect to the search criteria. On the other hand, additional search terms and search terms subordinate to them are displayed with the aim of supplementing the search by text passages relevant to such additional search terms or evaluating the search by considering these search terms, e.g., in such a way that a part of the text passages will be eliminated.

RELATIONAL DISPLAY OF SEARCH RESULTS TO SEARCH CRITERIA

ABSTRACT

A method for displaying text passages relevant to a combination of search criteria is disclosed herein. The display of visual representations of the text passages relative to the display of visual representation of the combination of search criteria on the same screen is indicative of the relevance of each of the text passages to the combination of search criteria.

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PROGRAM LOGIC FOR DISPLAYING TEXT PASSAGES ON A SCREEN

RELATIONAL DISPLAY OF SEARCH RESULTS TO SEARCH CRITERIA

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[0009] Program logics of the invention are explained in more detail in the following by means of implementation examples shown in the figures:

FIG. 1 shows text passages retrieved by means of a search, which are displayed on a screen, with their relevance to several search criteria being expressed/shown;

FIG. 2 shows terms and subordinate terms displayed on a screen and attributed to a search criterion; and

FIG. 3 shows text passages pursuant to FIG. 1 in combination with terms and subordinate terms pursuant to FIG. 2.

DETAILED DESCRIPTION

[0010] The present invention is based on the task of creating an improved method through which in case of a search by means of a combination of search criteria the text passages found thereby are displayed on the screen in such a way that their relevance in relation to the individual search criteria is shown. According to this invention, this objective is achieved by concentrically arranging the text passages on the screen around the combination of the search criteria, with the radial distances of the individual text passages showing their relevance in respect of the search criteria.

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~~Programme logics of the invention are explained in more detail in the following by means of implementation examples shown in the drawing:~~

~~chart 1 — shows text passages retrieved by means of a search, which are displayed on a screen, with their relevance to several search criteria being expressed/shown;~~

~~chart 2 — shows terms and subordinate terms displayed on a screen and attributed to a search criterion; and~~

~~chart 3 — shows text passages pursuant to chart 1 in combination with terms and subordinate terms pursuant to chart 2.~~

[0015] Chart FIG. 1 shows the result of a text search carried out by using three search terms. The query is represented by the letter Q. The search terms are described by the letters B, T and S, each of which lie on a radial beam, with these beams together forming an angle of 120°. The letter Q stands for the term QUERY and the letters B, S and T stand for the terms BENÜTZERPROFILE [USER PROFILES], SERVICEANGEBOT [SERVICE OFFER] and BETÄTIGUNGSFELDER [FIELDS OF ACTIVITY]. The centre center Q is surrounded by three centric circles 1, 2 and 3 alongside which the text passages found are shown.

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[0019] An alternative in showing the results of the text search is to only show references in the first chart figure and, by means of additional criteria such as shadings and/or colours to express the frequency in which the respective search terms are contained in these references. Subsequently, these references may be retrieved alone and the text passages themselves can be displayed on the screen.

[0020] Thus, this programme program logic makes it possible to immediately see the frequency of search terms in text passages and/or references and the relevance of such text passages and/or references with respect to several search terms, which makes the retrieval of text passages and the evaluation thereof considerably easier.

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attributed to them of several consecutive criteria can be shown on the screen in two dimensions or three dimensions.

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[0024] The fact that the programme program contains a number of search criteria for a given task which may be of importance for the solution of that task is of importance to this programme program. Subordinate search criteria are attributed to such search criteria which, on their part, are supplemented by subordinate search criteria. The user of this programme program may retrieve the criteria and/or subcriteria required for the solution of a task. Subsequently, the text passages available for the combination of the relevant criteria may be retrieved and displayed on the screen as has been explained by means of chart FIG. 1.

[0025] Finally, chart FIG. 3 shows the combination of the procedures explained by means of chart FIGs. 1 and 2. On the one hand, the screen displays the text passages found with respect to the search criteria. On the other hand, additional search terms and search terms subordinate to them are displayed with the aim of supplementing the search by text passages relevant to such additional search terms or evaluating the search by considering these search terms, e.g., in such a way that a part of the text passages will be eliminated.

KEY

CHART 2

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establishment of a branch abroad

unternehmensgründung	foundation of a business enterprise
neugründung	foundation of a new enterprise
änderung der rechtsform:	change of legal form
firmenzusammenlegung	Merger
ausbildung/schulung	education/training
qualitätssicherung	quality control
eigeninvestitionen	own investments
personal	Personnel
zukauf (innov.) produkte	purchase of (innovative) products
zukauf know how/wissen	purchase of know how/knowledge
filialen/in—ausland	branches/domestic, foreign
markterschließung	tapping of markets
produktionsumstellung	change in production
neue geschäftsbereiche	new fields of business
verfahrensverbesserung	improvement of processes
produktverbesserung	improvement of products
entw. neuer technologien	development of new technologies
verfahrensentwicklung	development of processes
produktentwicklung	product development
versuche/testreihen	product development
pilotprojekte	tests/test series
studien/konzepte	pilot projects
dissertationen/diplomarbeiten	studies/concepts
forschungsarbeiten	academic/graduation papers
veranstaltungen	research
publikationen	events
content verwertung	publications
einreichung von projekten	content exploitation
wettbewerbsteilnahme	filing of projects
grundlagenforschung	(participation in) competition
angewandte forschung	basic research
beteiligungsmöglichkeiten	applied research
	investment opportunities

investitionen	investments
betätigungsfelder	fields of activity
software/multimedia	=
telekom/info.-techn.	telecommunications-information technology
umwelttechnik	environmental technology
biotechnologie	biotechnology
materialwissenschaften	material sciences
energietechnik	energy technology
verkehrstechnik	traffic engineering
bundländer/europa/intl.	federal government/provinces/Europe/international
mit unternehmen	business enterprises
zwischen unternehmen	among business enterprises
mit forschungseinrichtungen	research institutions
zwischen forschungseinrichtungen	among research institutions
beteiligungen	investments
partner (kooperationen)	partners of (cooperation with)
ausbildung	training
serviceangebot	service offer
information/beratung	information/consultancy business
rechtsberatung	legal counsel
fordерungsanträge	applications for financial aid
förderungsrichtlinien	guidelines for financial aid
success stories	=
ansprechpartner	contact persons
sonderprogramme	special programmes
evt. einträge aus ergänzungen	possible entries from supplements
zu investoren zu unternehmen	with investors, with business enterprises
zu forschungseinrichtungen	with research institutions
ansprechpartner in institutionen	contact persons at institutions
kontakt	contact
finanzierung	financing
finanzmittel (privatwirtsch.)	financial means (private economy)
venture capital	=

darlehen	loans
kredit	credit facilities
joint-venture	=
investoren	investors
beteiligungen	investments
sponsoring	=
förderungen	subsidies
mezzanindarlehen	"mezzanine" loan
seedfinancing	=
fördermix	mix of financial aid
nicht rückzahlbare zuschüsse	non-repayable subsidies
zinsenzuschüsse zu bankkrediten	interest subsidies for bank loans
zinsengünstige kredite	loans with favourable interest terms
haftungsübernahme	assumption of liability
risikoreduktion	reduction of risk
unternehmer/n	entrepreneur(s)
standort	location
geschlecht	sex
Industrie/gewerbe/handel	industry/trade
stiftungen	foundations/trusts
KMU/großbetrieb/einzelunternehmen/	small-and-medium-size enterprises/large
ARGE	enterprises/sole proprietorships/work groups
tochterunternehmen	subsidiaries
konzerne (multinationale)	groups (multinational)
benutzerprofile	user profiles
privatperson	private person
wohnort (nationalität)	residence (nationality)
geschlecht	sex
weiß nicht/anderes	don't know/others
investor	=
privatperson	private person
universität	university
forscher/wissenschaftler	researcher/scientist

unternehmen	(at) business enterprises
forschungszentrum	research centre
erfindungen/patente	inventions/patents
beteiligungsmöglichkeiten investitionen	investment opportunities/investments

PROGRAM LOGIC FOR DISPLAYING TEXT PASSAGES ON A SCREEN

RELATIONAL DISPLAY OF SEARCH RESULTS TO SEARCH CRITERIA

ABSTRACT

A method for displaying text passages relevant to a combination of search criteria is disclosed herein. The display of visual representations of the text passages relative to the display of visual representation of the combination of search criteria on the same screen is indicative of the relevance of each of the text passages to the combination of search criteria.

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